

RECEIVED
CENTRAL FAX CENTER

Serial No. 10/779,815

FEB 23 2006

AMENDMENTS TO THE SPECIFICATION

Please amend paragraph 0005 as follows:

The general formulas for the n -phase winding group Z , in which the winding groups x are serially connected ~~is as follows~~are as follows:

$$N_{k1} = \frac{W \sin \left[2\pi P/S \left\{ (k-1) + \frac{1}{2} \right\} \right]}{\sum_{i=1}^S \sin \left[2\pi P/S \left\{ (i-1) + \frac{1}{2} \right\} \right]}$$

$$N_{k(n)} = \frac{W \sin \left[2\pi P/S \left\{ (k-1) + \frac{1}{2} \right\} + \frac{2\pi(n-1)}{n} \right]}{\sum_{i=1}^S \sin \left[2\pi P/S \left\{ (i-1) + \frac{1}{2} \right\} + \frac{2\pi(n-1)}{n} \right]}$$

where $N_{k(n)}$ is the number of turns of the winding portion at the k th slot, k is an integer between 1 and S , in the n th winding group in the n -phase, i is a counter for the summation, W is the total number of turns (the sum of the windings wound at each slot of $i=1$ through S in one phase).

Please amend paragraph 0038 as follows:

[0038] In a winding method of Fig. 6, there are sixteen slots in the stator 17. Figures 8-10 show tables, which illustrate the relationship between the magnetic poles and the number of windings in the embodiment of Fig. 6. However, the polarity, or direction, of the windings is not as shown in Tables 1-3 ~~the tables of Figs. 8-10~~ but is the same as that in Fig. 5 (the prior art).